



CERTIFICATE OF ANALYSIS

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1. Identification

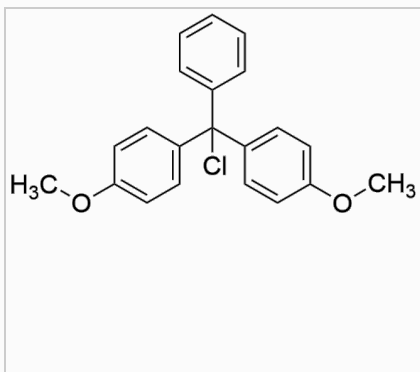
Catalogue Number: D461115

CAS Number: 40615-36-9

Product: 4,4'-Dimethoxytrityl Chloride

Synonym: 1,1'-(Chlorophenylmethylene)bis[4-methoxybenzene; 4,4'-Dimethoxytriphenylmethyl Chloride; Bis(4-methoxyphenyl)phenylmethyl Chloride; Chlorobis(4-methoxyphenyl)phenylmethane; NSC 89782; DMT-Cl; DMTCl

Structure:



Molecular Formula:

C₂₁H₁₉ClO₂

Molecular weight:

338.83

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2024-PVA-006

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 74.50, %H: 5.64
MS	Conforms to Structure	Conforms
Appearance	Light Pink to Red Solid	Light Red Solid

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Christina Gouliaras	1/25/2024	1/23/2028